

DECLARATION OF JOINT INVENTORS FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "Method of Forming Non-Volatile Resistance Variable Devices, Method of Forming a Programmable Memory Cell of Memory Circuitry, and a Non-Volatile Resistance Variable Device", the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

PRIOR FOREIGN APPLICATIONS:

I hereby state that no applications for foreign patents or inventor's certificates have been filed prior to the date of execution of this declaration.

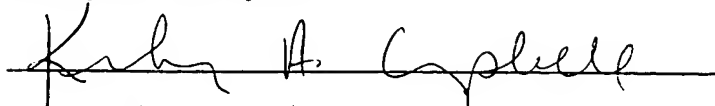
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such

willful false statement may jeopardize the validity of the application or any patent issued therefrom.

* * * * *

Full name of inventor: **Kristy A. Campbell**

Inventor's Signature:



Date:

8/27/01

Residence:

Boise, Idaho

Citizenship:

U.S.A.

Post Office Address:

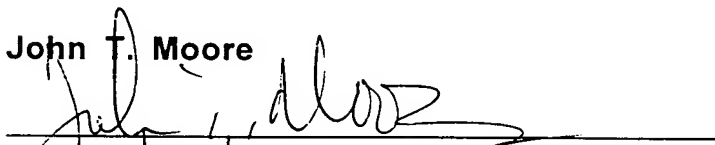
**9845 West Mossy Cup Street
Boise, ID 83709**

* * * * *

Full name of inventor:

John T. Moore

Inventor's Signature:



Date:

8/27/01

Residence:

Boise, Idaho

Citizenship:

U.S.A.

Post Office Address:

**12530 W. Lexus Ct.
Boise, ID 83713**

Docket No.: M4065.0698/P698
Micron No.: 00-1200.00/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kristy A. Campbell et al.

Application No.: 09/943,190

Group Art Unit: 2818

Filed: August 29, 2001

Examiner: Not Yet Assigned

For: METHOD OF FORMING NON-
VOLATILE RESISTANCE VARIABLE
DEVICES, METHODS OF FORMING A
PROGRAMMABLE MEMORY CELL OF
MEMORY CIRCUITRY, AND A NON-
VOLATILE RESISTANCE VARIABLE
DEVICE

**REVOCATION OF POWER OF ATTORNEY, NEW POWER OF
ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Micron Technology, Inc., assignee of the entire right, title and interest in and to the above-identified application, by virtue of the assignment (copy enclosed) recorded at reel/frame 012142/0506, hereby revokes any and all powers of attorney in the application, and specifically revokes the Power of Attorney dated August 28, 2001, and filed on August 29, 2001 concurrently with the present application, and assignee hereby appoints the attorneys and/or agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP, located at 2101 L Street, N.W., Washington, D.C. 20037-1526, listed as follows:

| | | | | | |
|---------------------|--------|-------------------|--------|----------------------------|--------|
| Gary M. Hoffman | 26,411 | Ryan H. Flax | 48,141 | Ellen S. Tao | 43,383 |
| Thomas J. D'Amico | 28,371 | Richard LaCava | 41,135 | Gary L. Veron | 39,057 |
| Donald A. Gregory | 28,954 | John C. Luce | 34,378 | Steven I. Weisburd | 27,409 |
| James W. Brady, Jr. | 32,115 | Peter McGee | 35,947 | Mialeeka C. Williams-Bibbs | 48,037 |
| Jon D. Grossman | 32,699 | Edward A. Meilman | 24,735 | Peter Zura | 48,196 |
| Mark J. Thronson | 33,082 | Edwin Oh | 45,319 | Jeremy A. Cubert | 40,399 |

Application No.: Not Yet Assigned

Docket No.: M4065.0698/P698

Micron No.: 00-1200.00/US

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|-----------------------|--------|------------------------|--------|----------------------|--------|
| Eric Oliver | 35,307 | William E. Powell, III | 39,803 | Gianni Minutoli | 41,198 |
| Laurence E. Fisher | 37,131 | Steven S. Rubin | 43,063 | Michael Bergman | 42,318 |
| Ian R. Blum | 42,336 | Michael J. Scheer | 34,425 | Salvatore P. Tamburo | 45,153 |
| Gabriela I. Coman | 50,515 | Stephen A. Soffen | 31,063 | Peter A. Veytsman | 45,920 |
| Catherine A. Ferguson | 40,877 | Christopher M. Tanner | 41,518 | Christopher S. Chow | 46,493 |

and also the attorneys of Micron Technology, Inc., listed as follows:

| | | | | | |
|--------------------------|--------|-----------------|--------|----------------|--------|
| Charles B. Brantley, III | 38,086 | Kevin D. Martin | 37,882 | Russell Slifer | 39,838 |
| Michael L. Lynch | 30,871 | David J. Paul | 34,692 | | |

as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

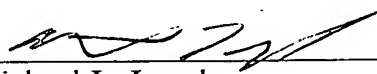
Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
2101 L Street NW
Washington, DC 20037-1526
Telephone: (202) 785-9700
Fax: (202) 887-0689

The undersigned is authorized to act on behalf of the assignee, that is, to sign this submission on behalf of the assignee.

Respectfully submitted,

MICRON TECHNOLOGY, INC.



Michael L. Lynch
Chief Patent Counsel
Registration No. 30,871

Dated: Nov 22, 2002

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Kristy A. Campbell
John T. Moore

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ASSIGNEE:

Micron Technology, Inc.
Corporation of the State of Delaware
8000 South Federal Way
Boise, Idaho 83716

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application titled "Method of Forming Non-Volatile Resistance Variable Devices, Method of Forming a Programmable Memory Cell of Memory Circuitry, and a Non-Volatile Resistance Variable Device".

MICRON TECHNOLOGY, INC. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt sufficiency and adequacy of which is hereby acknowledged, INVENTORS hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-

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identified application executed currently with this assignment and to any reissues, renewals, divisions or continuations thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers required for the filing of any division, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE

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as well as all other necessary papers in relation to such applications and Letters Patent.

INVENTORS further warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full rights to convey the same as herein expressed is possessed by the undersigned.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignees.

Dated: 8/27/01

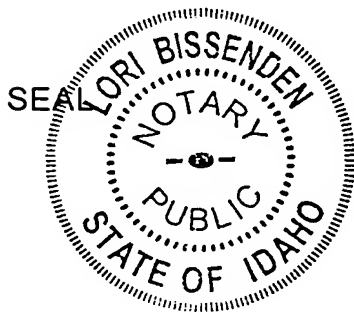
Signature: Kristy A. Campbell
Kristy A. Campbell

State of Idaho

County of Ada

)
) ss.
)

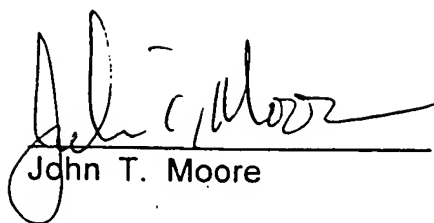
BEFORE ME, this 27th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that she executed the same of her own free will for the purpose therein expressed.



Lori Bissenden
Notary or Consular Officer
My Commission Expires: 6/12/2004

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Dated: 8/27/01

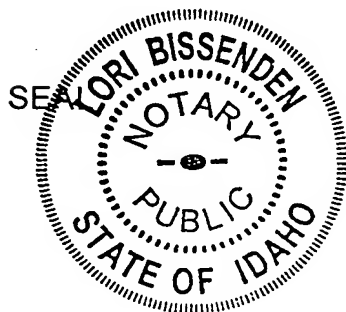
Signature: 
John T. Moore

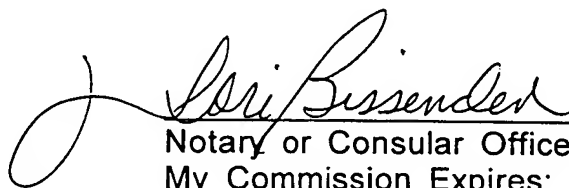
State of Idaho

County of Ada

)
) ss.
)

BEFORE ME, this 27th day of August, 2001 personally appeared the above-named inventor, known to me to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.




Notary or Consular Officer
My Commission Expires: 6/12/2004

COPY

**MICRON TECHNOLOGY, INC.
CERTIFIED COPY OF RESOLUTIONS**

I, Jan R. Reimer, the Assistant Secretary of Micron Technology, Inc. do hereby certify, that the resolutions attached hereto represent a complete, true and correct copy of the resolutions duly adopted by the Board of Directors of Micron Technology, Inc., a corporation duly organized and existing under the laws of the State of Delaware, at a meeting duly held on March 25, 1996, a quorum being present, and have been entered into the minutes of said meeting; that I am the keeper of the corporate seal and of the minutes and records of this Corporation; and that the said resolutions have not been rescinded or modified.


The resolutions attached hereto are in conformity with the Articles of Incorporation and Bylaws of the Corporation and are now in full force and effect.

I further certify that the person whose name and signature is set out below is the person authorized to act for said corporation in transactions with and pursuant to the foregoing resolutions, and that such person is now duly qualified and acting in his respective capacity:

NAME AND TITLE

SIGNATURE

Michael L. Lynch, Assistant General
Counsel for Intellectual Property



IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the said corporation, this 16th day of May, 1996.


Jan R. Reimer, Assistant Secretary

(SEAL)

**MICRON TECHNOLOGY, INC.
BOARD OF DIRECTORS RESOLUTIONS**

WHEREAS, certain key employees require the authority to execute certain documents on behalf of the Company in order to enable them to effectively and efficiently carry out their responsibilities and duties to the Company.

NOW THEREFORE BE IT RESOLVED, that the Board hereby approves and authorizes Mr. Michael L. Lynch, Assistant General Counsel for Intellectual Property, to execute on behalf of the Company, documents pertaining to the Company's patent prosecution matters, including but not limited to documents relating to representation before a patent examining authority, patent terms and other patent prosecution procedures, both in the United States and other countries, upon such terms and conditions as the General Counsel of the Company shall deem necessary or appropriate.